

PASTOR, BEHLING & WHEELER, LLC 2201 Double Creek Drive, Suite 4004 Round Rock, TX 78664

Tel (512) 671-3434 Fax (512) 671-3446

August 12, 2008 (PBW Project No. 1432)

## VIA OVERNIGHT COURIER

Mr. Gary Miller Superfund Division, Region 6 (6SF-AP) Arkansas/Texas Section U.S. Environmental Protection Agency 1445 Ross Avenue, Suite 1200 Dallas, Texas 75202-2733

Re: July 2008 Monthly Status Report, Gulfco Marine Maintenance Site, Freeport, Texas

Dear Mr. Miller:

Pursuant to Section XII, Paragraph 53 of the amended Unilateral Administrative Order (UAO) for the above-referenced Site, Pastor, Behling & Wheeler, LLC (PBW) has prepared this monthly status report on behalf of LDL Coastal Limited LP (LDL), Chromalloy American Corporation (Chromalloy) and The Dow Chemical Company (Dow). As discussed in our telephone conversation on August 2, 2005, monthly status reports for a given month will be submitted by the 15<sup>th</sup> of the following month as required in Paragraph 53 of the UAO, rather than by the 10<sup>th</sup> of the following month as indicated in Appendix 1 of the UAO. In accordance with the UAO requirements this report addresses the topics listed below:

- 1. <u>Actions which have been taken toward achieving compliance with the UAO during</u> the previous month The following actions were taken during the previous month:
  - RI/FS site characterization activities (SOW Paragraphs 34 through 36) detailed under Task 6 of the RI/FS Work Plan including:
    - Subtask 6.5 Analyses of groundwater samples collected from one Zone B monitoring well (NE4MW31B), one Zone C monitoring well (NE4MW32C) and ten Zone A monitoring wells in June were completed. Validation of these analytical data was partially completed. Based on the monitoring well NE4MW32C data and per e-mail messages between you and me on July 23, re-sampling of this monitoring well and sampling of four Zone C piezometers (NG3CPT1, NE4CPT2, NC2CPT3, and OCPT4) was performed. Laboratory vertical hydraulic conductivity testing of three soil samples collected from borings NE4MW32C and SE1DB01was completed. Water levels were measured in Zone B and C monitoring wells/piezometers on July 30, 2008. Investigation-derived wastes (auger cuttings/drilling mud) from borings NE4MW31B, NE4MW32C, and SE1DB01 were profiled and disposed off-site at the McCarty Road facility.

- Subtask 6.7 Laboratory analyses of wetlands sediment samples collected from the 0 to 0.5 foot depth interval at three locations (4WSED1 through 4WSED3) and from the 1 to 2 foot depth interval at two locations (2WSED8 and 2WSED 10) were performed.
- o Subtask 6.9 A draft Nature and Extent Data Report (NEDR) is currently being prepared.
- Risk Assessment activities (SOW Paragraphs 37) detailed under Task 7 of the RI/FS Work Plan - data analysis, human health risk evaluation and ecological risk evaluation were partially completed.
- 2. Results of sampling, tests, modeling and all other data (including raw data) received or generated by or on behalf of Respondents during the previous month The following data were received or generated during the previous month:
  - Laboratory vertical hydraulic conducting testing reports for the soil samples described above are provided in Attachment A.
  - Waste profile forms/manifests for the off-site disposal of investigation-derived wastes described above are provided in Attachment B.
  - Water levels measured in Zone B and Zone C monitoring wells/piezometers on July 30, 2008, and calculated water level elevations are provided in Attachment C
  - Field measurements collected during groundwater sampling are provided in Attachment D.
  - Unvalidated analytical laboratory reports for the groundwater sample analyses described above are provided in electronic form on the enclosed DVD.
  - A validation report for the groundwater analyses described above is provided in electronic form on the enclosed DVD.
  - Unvalidated analytical laboratory reports for the wetland sediment sample analyses described above are provided in electronic form on the enclosed DVD.
  - The updated database, including all data validated through July 31, 2008, is provided in electronic format on the enclosed DVD.
- 3. <u>Actions, data and plans which are scheduled for the next two months and other information relating to the progress of work</u> The following actions are planned for the next two months:
  - RI/FS site characterization activities (SOW Paragraphs 34 through 36) detailed under Task 6 of the RI/FS Work Plan including:

- Subtask 6.5 Groundwater/NAPL investigation to be continued through groundwater sample analyses, data validation, and data evaluation.
- Subtask 6.9 Preliminary Site Characterization Report to be continued through Draft NEDR preparation.
- Risk Assessment activities (SOW Paragraphs 37) detailed under Task 7 of the RI/FS Work Plan to be continued through data analysis, human health risk evaluation and ecological risk evaluation.
- 4. <u>Information regarding percentage of completion, all delays encountered or anticipated that may affect the future schedule for completion of the work required, and efforts made to mitigate those delays or anticipated delays RI/FS activities are approximately 75% complete. No delays were encountered this month.</u>

Thank you for the opportunity to submit this status report. Should you have any questions, please do not hesitate to contact me.

Sincerely,

PASTOR, BEHLING & WHEELER, LLC

Eric F. Pastor, P.E. Principal Engineer

cc: Mr. Doug McReynolds – EA Engineering, Science and Technology

Ms. Luda Voskov - Texas Commission on Environmental Quality

Mr. Brent Murray - Environmental Quality, Inc.

Mr. Rob Rouse - The Dow Chemical Company

Mr. Allen Daniels - LDL Coastal Limited, LP

Mr. F. William Mahley - Strasburger & Price, LLP

Mr. James C. Morriss III - Thompson & Knight, LLP

Ms. Elizabeth Webb - Thompson & Knight, LLC

## ATTACHMENT A

LABORATORY VERTICAL HYDRAULIC CONDUCTIVITY TESTING REPORTS



3601 Manor Road Austin, Texas 78723 P/(512) 926-6650 F/(512) 926-3312 www.kleinfelder.com

#### FALLING HEAD, RISING TAILWATER FLEXIBLE WALL PERMEABILITY TEST

Client: P.B.W., LLC

Project: Gulfco Marine Superfund Site

Project No.: 95194 Control No.: 070709 Tested by: Corpus Christi

Report Date: 7/2/2008

Sample No.: G-1998 #1 53'-55' Description: Tan & Gray Clay Location: NE4MW32C

Test Method: Corps of Engineer's Manual

Sample Type: 2"
Shelby Tube
Permeant: Tap Water

 Final Moisture Content From Trimmings

 Wt. of Can (gm)
 53.48

 Wt. of Can and Wet Soil (gm
 506.08

 Wt. of Can and Dry Soil (gm)
 383.66

 Water Content (%)
 37.1

EM-1110-2-1906 Appendix VII

**Test Conditions** 

Inflow Pressure (psi)	10.0
Outflow Pressure(psi)	0.0
Cell Pressure (psi)	15.0
Inflow Pipette Area (cm²)	0.8993
Outflow Pipette Area (cm²)	0.8993

			Campic Gharacteri	31103	
	Initial	Final		Initial	Final
Total Weight (gm)	448.40	452.60	Volume (cc)	238.60	238.60
Diameter (cm)	7.00	7.00	Moisture Content (%)	35.8	37.1
Height (cm)	6.20	6.20	Void Ratio	0.99	0.99
:			Saturation (%)	100	103
Specific Gravity (a)	pprox.)	2.75	Total Unit Wt. (pcf)	117.3	118.4
Dry Weight (gm)		330.18	Dry Unit Wt. (pcf)	86.3	86.3

		Ini	tial					Fi	nal			Elapsed	Total	Total	Outflow	Hydraulic
Day	Time	Temp	Inflow	Outflow	Head	Day	Time	Temp	Inflow	Outflow	Head	Time	Inflow	Outflow	Inflow	Conductivity
		(°C)	Reading	Reading	(cm)			(°C)	Reading	Reading	(cm)	(s)	(cc)	(cc)	O/I	(cm/s)
169	13:05	23.6	85.0	64.8	680.9	169	16:42	23.4	84.0	64.8	682.1	13020	0.90	0.00	0.00	8.34E-09
169	16:42	23.4	84.0	64.8	682.1	170	08:02	26.6	82.0	66.2	685.8	55200	1.80	1.26	0.70	6.40E-09
171	16:54	21.3	77.9	69.6	694.2	172	07:41	27.1	76.3	71.6	698.2	53220	1.44	1.80	1.25	7.06E-09
178	17:09	23.6	77.6	70.0	694.9	179	07:42	28.0	75.9	71.9	699.0	52380	1.53	1.71	1.12	6.85E-09
179	07:42	28.0	75.9	71.9	699.0	179	16:31	29.2	74.7	72.8	701.3	31740	1.08	0.81	0.75	6.04E-09
179	16:31	29.2	74.7	72.8	701.3	182	15:52	22.7	66.2	81.2	720.1	256860	7.64	7.55	0.99	6.40E-09
182	15:53	22.7	85.1	58.7	674.0	183	07:45	28.2	83.5	60.9	678.3	57120	1.44	1.98	1.38	6.90E-09
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Hydraulic Conductivity at 20 ° C, cm/s (average of the last 4 readings)

6.55E-09

Average Hydraulic Gradient

1-1/6/6

Mark Holcomb, CE

The results shown on this report are for the exclusive use of the client for whom they were obtained and apply only to the samples tested and/or inspected, I ney are not intended to be indicative or qualities or apparently identical products. The use of our name must receive phor written approval.



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#### FALLING HEAD, RISING TAILWATER FLEXIBLE WALL PERMEABILITY TEST

Client: P.B.W., LLC.

Project: Gulfco Marine Superfund Site

Project No.: 95194 Control No.: 070710

Tested by: Corpus Report Date: 7/2/2008

Sample No.: G-1998 #2 55'-57'

Description: Tan & Gray Clay Location: NE4MW32C

Test Method: Corps of Engineer's Manual

EM-1110-2-1906 Appendix VII

Sample Type: 2"

Shelby Tube

Permeant: Tap Water

**Final Moisture Content From Trimming:** Wt. of Can (gm)

Wt. of Can and Wet Soil (gn 519.96 Wt. of Can and Dry Soil (gm 379.14 Water Content (%) 43.4

#### **Test Conditions**

Inflow Pressure (psi)	10.0
Outflow Pressure(psi)	0.0
Cell Pressure (psi)	15.0
Inflow Pipette Area (cm²)	0.8532
Outflow Pipette Area (cm²)	0.8621

Sample Characteristics

	Initial	Final		Initial	Final
Total Weight (gm)	462.10	465.10	Volume (cc)	250.15	254.00
Diameter (cm)	7.00	7.00	Moisture Content (%)	42.5	43.4
Height (cm)	6.50	6.60	Void Ratio	1.12	1.15
			Saturation (%)	104	103
Specific Gravity (a	pprox.)	2.75	Total Unit Wt. (pcf)	115.3	114.3
Dry Weight (am)		324.28	Dry Unit Wt. (pcf)	80.9	79.7

		Ini	tial					Fir	nal			Elapsed	Total	Total	Outflow	Hydraulic
Day	Time	Temp	Inflow	Outflow	Head	Day	Time	Temp	Inflow	Outflow	Head	Time	Inflow	Outflow	Inflow	Conductivity
		(°C)	Reading	Reading	(cm)			(°C)	Reading	Reading	(cm)	(s)	(cc)	(cc)	O/I	(cm/s)
169	13:06	23.6	85.3	64.5	679.0	169	16:43	23.4	84.4	64.6	680.2	13020	0.77	0.09	0.11	8.84E-09
169	16:43	23.4	84.4	64.6	680.2	170	08:03	26.5	82.0	66.0	684.6	55200	2.05	1.21	0.59	7.58E-09
171	16:54	21.4	78.1	68.3	691.9	172	07:42	27.1	76.7	69.9	695.4	53280	1.19	1.38	1.15	6.22E-09
178	17:09	23.6	67.5	71.3	707.9	179	07:41	28.0	66.2	73.0	711.4	52320	1.11	1.47	1.32	5.93E-09
179	07:41	28.0	66.2	73.0	711.4	179	16:32	29.2	65.3	73.7	713.2	31860	0.77	0.60	0.79	4.76E-09
179	16:32	29.2	65.3	73.7	713.2	182	15:54	22.7	58.1	80.6	729.8	256920	6.14	5.95	0.97	5.56E-09
182	15:55	22.7	85.1	57.2	670.7	183	07:46	28.2	83.8	59.2	674.6	57060	1.11	1.72	1.55	6.37E-09

Hydraulic Conductivity at 20 ° C, cm/s (average of the last 4 readin Average Hydraulic Gradient

5.66E-09 107

KLEINFELDER CENTRAL, INC Mark Holcomb, CET

The results shown on this report are for the exclusive use of the client for whom they were obtained and apply only to the samples tested and/or inspected.

They are not intended to be indicative of qualities or apparently identical products. The use of our name must receive prior written approval.



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### FALLING HEAD, RISING TAILWATER FLEXIBLE WALL PERMEABILITY TEST

Client: P.B.W., LLC

Project: Gulfco Marine Superfund Site

Project No. 95194 Control No.: 071421 Tested by: Corpus Christi

Report Date: 7/14/2008

Sample No. G-2006 Description: Gray Clay

Location: SEIDBOI, 80-82 feet

Test Method: Corps of Engineer's Manual EM-1110-2-1906 Appendix VII Sample Type: 2"

Shelby Tube

Permeant: Tap Water

Final Moisture Content From Trimmings
Wt. of Can (gm) 53.02

Wt. of Can and Wet Soil (gm 512.60 Wt. of Can and Dry Soil (gm 383.60 Water Content (%) 39.0

Test Conditions

Inflow Pressure (psi)	10.0
Outflow Pressure(psi)	0.0
Cell Pressure (psi)	15.0
Inflow Pipette Area (cm²)	0.8993
Outflow Pinette Area (cm²	0.8993

Sample Characteristics

	Initial	Final		Initial	Final							
Total Weight (gm)	456.40	459.60	Volume (cc)	249.43	249.43							
Diameter (cm)	7.10	7.10	Moisture Content (%)	38.1	39.0							
Height (cm)	6.30	6.30	Void Ratio	1.07	1.07							
			Saturation (%)	97	100							
Specific Gravity (a	pprox.)	2.75	Total Unit Wt. (pcf)	114.2	115.0							
Dry Weight (gm)		330.58	Dry Unit Wt. (pcf)	82.7	82.7							

		Ini	tial					Fi	nal			Elapsed	Total	Total	Outflow	Hydraulic
Day	Time	Temp	Inflow	Outflow	Head	Day	Time	Temp	Inflow	Outflow	Head	Time	Inflow	Outflow	Inflow	Conductivity
	1	(°C)	Reading	Reading	(cm)		1	(°C)	Reading	Reading	(cm)	(s)	(cc)	(cc)_	O/I	(cm/s)
183	10:51	22.3	85.5	59.3	674.3	183	16:56	21.6	63.6	80.3	722.0	21900	19.69	18.89	0.96	2.14E-07
184	12:13	21.2	85.2	59.2	674.5	184	14:00	21.3	82.4	61.7	680.4	6420	2.52	2.25	0.89	9.44E-08
190	16:49	24.7	68.5	76.8	712.6	191	07:51	25.4	64.2	81.2	722.3	54120	3.87	3.96	1.02	1.57E-08
191	07:51	25.4	64.2	81.2	722.3	191	17:12	24.5	61.6	83.5	727.8	33660	2.34	2.07	0.88	1.41E-08
191	17:13	24.5	85.7	58.8	673.5	192	08:46	24.2	81.1	63.9	684.3	55980	4.14	4.59	1.11	1.82E-08
192	08:46	24.2	81.1	63.9	684.3	192	16:45	23.5	78.6	66.0	689.4	28740	2.25	1.89	0.84	1.69E-08
192	16:45	23.5	78.6	66.0	689.4	193	07:14	28.6	74.6	70.7	699.1	52140	3.60	4.23	1.18	1.64E-08
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Hydraulic Conductivity at 20 ° C, cm/s (average of the last 4 readings)

Average Hydraulic Gradient

1.64E-08
110

KLEINFELDER GENTRAL, INS.

Mark Holcomb, CET

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I ney are not intended to be indicative or qualities or apparently identical products. The use of our name must receive pnor written approval.

## ATTACHMENT B

INVESTIGATION-DERIVED WASTE PROFILE FORMS/MANIFESTS

@ Allied Waste, February 2001



# GENERATOR WASTE PROFILE SHEET

Page 1 of 2

•			Profile#		
Requested Disposal Facility:	MCCARTY		L534	8863	31 /
	an Allied Waste Company		AWI Sales R	ep:/	samew/102
I. Generator Informatio	on .		Date: 7-15-0	8	
Generator Name: LDL Coastal,	L.P.				
Generator Site Address: 906 Ma		<u> </u>			
City: Freeport	County: Brazoria	State: 7	X		Zip: 77541
State ID/Reg No: N/A	State Approval/Waste Code:	N/A	(If app	licable)	SIC Code:
Generator Mailing Address (if di	fferent): 6363 Woodway Drive 5	Suite 730			
City: Houston	County: Harris	State: 7	χ .		Zip: 77057
Generator Contact Name: Allen	B. Daniels				
Phone Number: (713) 626-0299		Fax Nu	mber: (713) 6	26-0276	
lia. Transporter information			:		
Transporter Name: Bayou City E		Contact	Name: Bill M	eyer <b>s</b>	
Transporter Address: 10234 Luc	ore St.				
City: Houston	County: Harris	State: T	χ		Zip: 77017
Phone Number. (7) 4256900	Fax Number: (7) 425-6958	State Tr	ansportation	Number	86133
lb. Billing Information					
Bill To: USA Environment, LP		Contact	Name: Siobh	an LeRo	Dy
Billing Address: P.O. Box 87687					
City: Houston	State: TX	Zip: 772	.87 F	hone N	umber: (7)425-6901
II. Waste Stream Informa	tion				•
Name of Waste: Drill Cuttings	٠,			-	***************************************
Process Generating Waste; Inve Contaminant of concern is diese	stigation (Installation of monitor	wells) at site	near former	marine	maintenance facility,
additionable of desirable to more		,			
		•	<del> </del>	*******	
······································		····	<del></del>		<u></u>
Type of Waste INDU	ISTRIAL PROCESS WASTE	or 🛛 P	OLLUTION C	ONTRO	L WASTE
Physical State: [   SOLI				THER:	:
Method of Shipment 🗵 BULK	<del></del>	OTHER:			
	CUBIC YARDS: 10 TONS		GALLONS_	П	OTHER:
Frequency: ONE TIME		MONTHLY	OTHER:		
Special Handling Instructions:		,			· · · · · · · · · · · · · · · · · · ·
/. Representative Sample	Certification	· · · · · · · · · · · · · · · · · · ·	ΠN	SAMP	LE TAKEN
s the representative sample colle	ected to prepare this profile and	laboratory			
analysis, collected in accordance equivalent rules?	with U.S. EPA 40 CFR 261.20	(c) guidelines	or X	S or $\square$	NO
Sample Date: 7-1-08	Type of Sample: ☐ COMPOS	ITE SAMPLE	⊠ GRAB	SAMPLI	<b>E</b>
aboratory: Xenco		Sample ID Nu	mbers: 3070	42-002	
Sampler's Employer, USA Enviro	nment				
Sampler's Name (printed): Jerry \	Vega S	Signature:	prize Ve	30-	<u> </u>
		/	, , ,		•

REV 1



# GENERATOR WASTE PROFILE SHEET (continued)

Page 3 of 2

	•	L	Waste Profile #							
		•			LS3Y	188631				
V. Physic	al Characteristics of V	Vaste	•	·						
Characteristic				\$//	by Weight (re	mpe)				
1. Drill Cuttir						ALI	1			
2. TAO	Water			<u>-</u>	5%	71/19	666			
3.	YLINA NEW	<del></del>		<del></del>	<del></del>	<del> ү</del>				
4,	,			_	······································					
5.										
Color	Odor (describe)	Free Liquids X YES or     NO	% Solids	pH:	Flash P	ash Point Phenol				
Brown	поле	Content 5%	95	ND	ND DF		0 ppm			
Attach Labor	ratory Analytical Report (and/	or Material Safety Da	ta Sheet) Inclu	ding Required	i Parameiers I	rovided	for this Profile			
Chlordane, End defined in 40 C	or generating process contain regi- irin, Heptachlor (and it epoxides), I FR 261.33?	Lindane, Methoxychlor,	Toxaphene, 2,4-	D, or 2,4,5-TP 9	Silvex as	□Ye	s or 🔀 No			
Hydrogen Cyan	or generating process cause it to e tide as defined in 40 CFR 261.237						s or 🛛 No			
	contain regulated concentrations						or 🔯 No			
including RCRA	contain regulated concentrations of A F-Listed Solvents?			•		☐ Ye	s or 🛛 No			
dioxin as define	contain regulated concentrations of in 40 CFR 261.31?		•	7,8-ICCD), or s	iny other	☐ Yes or 🗵 No				
	ed Toxic Material as defined by Fe						or 🗵 No			
	d Radioactive Waste as defined by				<del></del>	Yes or X No				
	ed Medical or Infectious Waste as terated at a Federal Superfund Cle		n signe reginiano	inst.			or × No			
		m nb sinct	i	· · · · · · · · · · · · · · · · · · ·		II Tes	or 🗵 No			
	itor Certification									
description of Results/Materi utilizing this p any waste which from accepting	y that to the best of my knowle the waste material being offere al Safety Data Sheets submitte rofile, neither myself nor any o ch is classified as toxic waste, i 5 by law. I shall immediately g hereby-agrees to fully indemnif	d for disposal and all I d are truthful and com ther employee of the c nazardous waste or inf live written notice of a	cnown or suspen plete and are re company will dections waste, my change or o	ected hazards be representative of eliver for disponance or any other wondition pertain	ave been disclosed in the waste. It is considered in attempt aste material fluing to the was	osed. Al further co to delive us facilit ste not pr	If Analytical ertify that by er for disposal y is prohibited rovided herein.			
inaccurate or u	ntrue. I further certify that the	company has not alter	ed the form or	content of this	profile sheet a	s provide	ed by Allied			
Waste.	Sidohan Le	Ry CSt		USA:	ENVIRO	የ	+ LP			
	Authorized Representative Name Authorized Representative	-Roy_		7/1	Company Nan	10	8			
	Vaste Decision	· I			·		//			
Approved	□ Rejected		<del></del>		Expiration:	10/	131/08			
Conditions:	Waste containing free liquid of	r falling the paint filter	test							
	must be solidified immediatel	y upon receipt at the is	indfill							
	facility. Once the material is a test, it is acceptable for landfi		3F	· •·· · · · · · · · · · · · · · · · · ·						
	Proper PPE must be worn wh		laL							
Keith Dlam	anti, Special Waste An		~ ~	5		7/2	22/08			
	Name, Title		Sign	atum			Date			
			<del></del>							

REV1

@ Allied Waste, February 2001



# GENERATOR WASTE PROFILE SHEET

Page 1 of 2

			Waste Profile #				
Requested Disposal Facility: MCCARTY		Lun	L53488630				
	an Allied Waste Company	AWI 8	sales Rep: TOUR PL /10%				
i. Generator informatic	on -		7-15-08				
Generator Name: LDL Coastal,	L.P.	·					
Generator Site Address: 906 M	arlin						
City: Freeport	County: Brazoria	Zip: 77541					
State ID/Reg No; N/A	State Approval/Waste Code: N/A		(if applicable) SIC Code:				
Generator Mailing Address (if d	ifferent): 6363 Woodway Drive Sult	ə 730					
City: Houston	County: Harris	State; TX	Zip: 77057				
Generator Contact Name: Allen	B. Daniels						
Phone Number: (713) 626-0299	)	Fax Number.	(713) 626-0276				
lla. Transporter informati	on						
Transporter Name: Bayou City	Env. Services	Contact Name	: Bill Meyers				
Transporter Address: 10234 Lu	core St.						
City: Houston	County: Harris	State: TX	Zip: 77017				
Phone Number: (7) 4256900	Fax Number: (7) 425-6958	State Transpo	riation Number: 86133				
lib. Billing Information							
Bill To: USA Environment, LP		Contact Name	: Slobhan LeRoy				
Billing Address: P.O. Box 87887							
City: Hauston	State: TX	Zip: 77287	Phone Number: (7)425-6901				
III. Waste Stream Informa	rtion						
Name of Waste: Soil Cuttings							
Process Generating Waste: Inve	estigation at site near former marine	maintenance f	acility. Contaminant of concern is				
dieseL							
Type of Waste INDI	USTRIAL PROCESS WASTE 0	r 🛛 POLLU	TION CONTROL WASTE				
Physical State: SOLID ☐ SEMI-SOLID ☐ POWDER ☐ LIQUID ☐ OTHER::							
Method of Shipment: ⊠ BULK ☐ DRUM ☐ BAGGED ☐ OTHER:							
Estimated Annual Volume: 🗵 CUBIC YARDS: 20 🔲 TONS: GALLONS 🔲 OTHER:							
Frequency: ONE TIME DAILY WEEKLY MONTHLY OTHER:							
Special Handling Instructions:							
IV. Representative Sampl			☐ NO SAMPLE TAKEN				
	ected to prepare this profile and late with U.S. EPA 40 CFR 261.20(c)		☑ YES or ☐ NO				
Sample Date: 7-1-08	Sample Date: 7-1-08 Type of Sample: ☐ COMPOSITE SAMPLE ☐ GRAB SAMPLE						
Laboratory: Xenco		ple ID Numbers	: 307042-001				
Sampler's Employer, USA Environment							
Sampler's Name (printed): Jerry	Vega Sign	ature: DM	n Vigor				

REV 1

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## GENERATOR WASTE PROFILE SHEET (continued)

Page 2 of 2

ALLIM WASTE							
•••				Wa	ste Pro	file#	
			Z	-53Y8	863	Ö	
V. Physical Characteristics of	Waete		<u>-</u> -				
Characteristic Components	110010		% hv 1	Weight (n	meel	· · · · · · · · · · · · · · · · · · ·	
1. soil cuttings			7,443	AL APPLIE (14	11BO)		
2.	<del></del>		· <del>····································</del>				
3.	······································	<u> </u>			******		
4.							
5.							
Color Odor (describe)	Free Liquids	% Solids	pH:	Flash P	oint	Phenol	
Brown pone	Content%	100	ND	ND OF	•	0 ppm	
Attach Laboratory Analytical Report (an	dor Material Safety Da	ta Sheet) Includò	ng Required Par	ameiers l	rovided	for this Profile	
Does this wests or generating process contain to Chlordane, Endrin, Heptachlor (and it epoxides defined in 40 CFR 261.33?	egulated concentrations of s), Lindane, Methoxychlor,	the following Pestic Toxephene, 2,4-D.	ides and/or Herbic or 2,4,5-TP Silver	ides: : 88		s or 🖾 No	
Does this waste or generating process cause it t Hydrogen Cyanide as defined in 40 CFR 261.2	to exceed OSHA exposure I 3?	imits from high leve	ls of Hydrogen St	alfide or		s or 🛛 No	
Does this waste contain regulated concentration	as of Polychlorinated Biphe	nyls (PCBs) as defi	ned in 40 CFR. Par	t 7617	Ye	s or 🛛 No	
Does this weste contain regulated concentration including RCRA F-Listed Solvents?					☐ Yes or ☒ No		
Does this waste contain regulated concentration dioxin as defined in 40 CFR 261.31?			TCCD), or any of	her		s or 🖾 No	
Is this a regulated Toxic Material as defined by						s or 🛛 No	
Is this a regulated Radioactive Waste as defined					☐ Yes or ☑ No		
Is this a regulated Medical or Infectious Waste		r State regulations?				s or 🔀 No	
Is this waste generated at a Federal Superfund (	Clean Up Site?				∐ Ye	s or 🗵 No	
VL Generator Certification							
I hereby certify that to the best of my know description of the waste material being office Results/Material Safety Data Sheets submit utilizing this profile, neither myself nor any waste which is classified as toxic waste from accepting by law. I shall immediately Our company hereby agrees to fully indem inaccurate or unitue. I further certify that it waste.	ared for disposal and all it tied are truthful and come y other employee of the c c, hazardous waste or inf y give written notice of a nify this disposal facility	crown or suspecte plete and are repre- company will deline ectious waste, or a ny change or cond- against any dama	d hazards have to esentative of the ver for disposal of my other waste a lition pertaining ges resulting fro	waste. In waste. In or attempt material the waste on this earn minis earn	osed. A further control to deliving the facilities to the control of the control	Il Analytical certify that by cer for disposal ty is prohibited rovided berein. in being	
Stokhan Le Kay Authorized Representative Avan	ne And Title (Printed)		SA E	AUU npany Nam	<u> </u>	of LP	
Authorized Representati	ive Signature	· · · · · · · · · · · · · · · · · · ·	11/810	Date			
/II. Allied Waste Decision	<u> </u>			,		11	
Approved D Rejected			Ex	piration:	10	31,08	
Conditions:							
						/	
Keith Dlamanti. Special Waste	Analyst 2	<u> </u>			2/1	P/08.	
Name, Title		Signatur	<b>a</b>			Date	

REV 1

Allied Waste, Pebruary 2001



	NON-HAZA	RDOUS WASTE MANIFEST		090916	9	
	1. Generator's US EPA ID Number Manifest Document Number 0909169	2. Page 1 of				
P	3. Generator's Name and Mailing Address  LDL COASTAL, L.P.  906 MARLIN  FREEPORT, TX 77541	Generating Location (if different control of the control of t	rent)		- макусты» (ст. 1	
	7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1		er 10	
ł.	BAYOU CITY WASTE, 10234 LUCORE ST HOU, TO 10. Transporter #2 Company Name	77017 #86666 713-864-6 11. US EPA ID Number 12. Transporter #2's Phone			0040	
A K K T T T	10. Hunspoter at Company Hand	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
GENERATOR TO THE TRANSPORT OF THE TRANSP	13. Designated T/S/D Facility Name and Site Address  MCCARTY RD LANDFILL  5757 A OATES RD  HOUSTON, TX 77078	14. US EPA ID Number	15. Facility's Pho	ne 713-671-	1550	
	16. Waste Shipping Name and Description	17. Allied Waste Approval # and Exp. Date	18. Containers 19. Total 20. Unit Quantily Wt/Vol			
			No. Type	Quantity	770 VOI	
GENERATOR -	a. DRILL CUTTINGS	10131108	Y	5	cr	
-GENE	b.					
William Control	C.					
	d.					
	21. Additional Descriptions for Materials Listed Above  Job# 33 29 - NB - 009	mail manife	STS TO:	USA ENVIRON PO BOX87687 HOUSTON, TE ATTN: Siobhar	XAS 77287	
	22. Special Handling Instructions and Additional Information					
$\  \ $	23. GENERATOR'S CERTIFICATION: I certify the materials described on the	·····	reporting proper dispo			
Ļ	Printed/Typed Name JASON Kettler	Signature Annuft		D	7 2°5 0°8	
ER	24. Transporter #1: Acknowledgement of Receipt of Materials				nth Day V	
ORI	Printed/Typed Name	Signature Garage	nam	IN CAME	Day Year	
NSP	25. Transporter #2: Acknowledgement of Receipt of Materials		, , ,	.,,,,,		
TRANSPORTER	Printed/Typed Name	Signature	, ; <del>1. i</del>	Mo	nth Day Year	
CILITY	26. Discrepancy Indication Space		JUL	25 2008	iv	
S/D FACI	27. Facility Owner or Operator: Certification of receipt of waste mater	rials covered by this manifest (except as not	ed in Item 19)	5-675. v101	6	
T/;	Printed/Typed Name	Signature		Mo	nth Day Year	
	TI	RANSPORTER #1				

Welsh LIGOUD My ALLES WASTE

	NON-HAZAI	RDOUS WASTE MA	ANIFEST			0909	170	
Generator's US EPA ID Number     NHNT	Manifest Document Number	2. Page 1 of						
Generator's Name and Mailing Address     LDL COASTAL, L.P.     906 MARLIN	VVVIIV	5. Generating Lo	ocation (if diffe	rent)				
4. Phone ( 713-432-26	41		)					
7. Transporter #1 Company Name BAYOU CITY WASTE, 10234				Transporter #1's Phone 713-864-6540				
10. Transporter #2 Company Name		11. US EPA ID Number		12. Trans	sporter #2	l's Phone		
13. Designated T/S/D Facility Name and Site MCCARTY RD LANDFILL 5757 A OATES RD HOUSTON, TX 77078	e Address	14. US EPA ID Number		15. Facili	ity's Phon		71-1550	
16. Waste Shipping Name and Description		17. Allied Waste Approval # an	nd Exp. Date	18. Conta	iners	19, Total Quantity	20. Uni	t Vol
				No.	Туре	Quantity	740	VUI
a. SOIL CUTTINGS		L53 Y88630 10/31	/08		Y	3	1	Y
С.			<u> </u>					
d.								
21. Additional Descriptions for Materials Lis	ed Above - 00 9	MA	UL MANIFE	STS TO:		USA ENVIR PO BOX876 HOUSTON, ATTN: Slob	87 TEXAS	7721
22. Special Handling Instructions and Additi			/					
23. GENERATOR'S CERTIFICATION:   cer		Signature		neporting pr	oper dispo	sal of Hazardous		ay .
Printed/Typed Name		1 min	Mu	<u> </u>			Month D	{ {
Printed/Typed Name  H 5 UST 1.7 GUZ 1219 11	Coopt of Materials	Signature	. 45.	10	19-579-	713- 133-	Month D	s de
25. Transporter #2: Acknowledgement of F	eceipt of Materials		,			11013 OFD		
Printed/Typed Name		Signature					Month D	ay
26. Discrepancy Indication Space		· · · · · · · · · · · · · · · · · · ·		*				
27. Facility Owner or Operator: Certificati	on of receipt of waste mater		except as not	THIRD	41 0A	MINWC 48 YTSAOJM 19 HAT	-	
Printed/Typed Name		Signature	/11	<u> </u>			Month D	* <u>y</u>
	T	RANSPORTER #1	1					

# ATTACHMENT C WATER LEVEL MEASUREMENTS

# July 2008 Water Level Measurements

Well ID	Date	Time	MP <sup>1</sup> Elevation (ft AMSL <sup>2</sup> )	Depth to Water (ft BMP <sup>3</sup> )	Water Elevation (ft AMSL)
ND4MW24B	7/30/2008	1416	5.70	4.22	1.48
NG3MW25B	7/30/2008	1421	4.91	3.26	1.65
OMW27B	7/30/2008	1459	5.45	4.27	1.18
NE3MW30B	7/30/2008	1516	6.70	5.08	1.62
NE4MW31B	7/30/2008	1444	6.01	4.59	1.42
NE4MW32C	7/30/2008	1522	6.31	7.29	-0.98
NG3CPT1	7/30/2008	1424	5.79	9.41	-3.62
NE4CPT2	7/30/2008	1447	6.77	10.31	-3.54
NC2CPT3	7/30/2008	1509	5.36	11.30	-5.94
OCPT4	7/30/2008	1503	6.38	12.93	-6.55
BM-1	7/30/2008	1428	3.53	0.51	3.02
BM-2	7/30/2008	1437	3.30	1.45	1.85

## Notes:

<sup>&</sup>lt;sup>1</sup> MP = Measurement Point (Top of PVC well casing).

<sup>&</sup>lt;sup>2</sup> AMSL = Above Mean Sea Level (NGVD 29).

<sup>&</sup>lt;sup>3</sup> BMP = Below Measurement Point.

# ATTACHMENT D GROUNDWATER SAMPLING FIELD MEASUREMENTS

# Groundwater Field Parameters - July 2008 Sampling Event Gulfco Marine Maintenance Facility

Monitoring Well	Measurement Date	Parameter	Result	Unit
10	Date	conductivity	32,871	umhos/cm
		field DO	0.32	mg/L
		ORP	-112.7	mV
NE4MW32C	7/31/2008	pН	7.67	1114
		temperature	24.6	Celcius
		turbidity	3.2	NTU
		conductivity	29,767	umhos/cm
		field DO	0.29	
		ORP	-108.1	mg/L mV
NG3CPT1	7/31/2008		7.63	IIIV
		pH	25.7	Celcius
		temperature	1	
		turbidity	4.2	NTU
	7/31/2008	conductivity	30,682 0.32	umhos/cm
		field DO	- 1	mg/L
NE4CPT2		ORP	-102.7	mV
		рН	7.48	
		temperature	25.4	Celcius
		turbidity	3.3	NTU
	7/31/2008	conductivity	29,326	umhos/cm
		field DO	0.44	mg/L
NC2CPT3		ORP	-104.3	mV
		рН	7.68	
		temperature	26.3	Celcius
		turbidity	3.3	NTU
	7/31/2008	conductivity	28,617	umhos/cm
		field DO	0.16	mg/L
OCPT4		ORP	-114.7	mV
		рН	7.58	
		temperature	26.2	Celcius
		turbidity	3.6	NTU